

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (cancelled)

2. (Currently amended) The Nuclear Myosin I  $\beta$  protein of claim 1 wherein the amino acid sequence comprises:

mryrasalgs	dgvrvtmesa	ltardrvqvq	dfvllenfts
eaafienlrr	rfrenliyty	igpvlvsnp	yrdlqiysrq
hmeryrgvsf	yevpphlfav	advyrarlt	errdqavmis
gesgagktea	tkrllqfyae	tcpapergga	vrdrllqsnp
vleafgnakt	lrndnssrfg	kymdvqfdk	gapvgghils
ylleksrvvh	qnhgernfhv	fyqlleggee	etlrrlgler
npqsylylvk	gqcakvssin	dksdwkvmrk	alsvidfted
evedllsiva	svlhlgnihf	aadedснаqv	ttenqlkylt
rllgvegttl	realthrkii	akgeellspl	nleqaayard
alakavysrt	ftwlvarkinr	slaskdaesp	swrsttvgl
ldiygfevfq	hnsfeqfcin	ycneklqqlf	ieltlkseque
eyeaeagiawe	pvqyfnnkii	cdlveekfkg	iisildeecl
rpgeatdltf	lekledtvkp	hphfthkla	dqktrksldr
gefllhyag	evtysvtgfl	dknndllfrn	lketmcssmn
pimaqcfdk	elsdkkrpet	vatqfkmsll	qlveilrske
payircikpn	dakqpgrfde	vlihqvkyl	glmenlrivr
agfayrrkye	aflqrykslc	petwpmwagr	pqdgavvlvr
hlgykpeeyk	mgrtkifirf	pktilfateds	levrrqslat
kiqaawrgfh	wrqkflrvkr	saiciqswwr	gtlgrkaak
rkwaaqtirr	lirgfilrhs	prcpenaffl	dhvrasfiln
lrrqlprnvl	dtswptpppa	lreasellre	lcmknmvwky

crsispewkq	qlqqkavase	ifkgkkdnyp	qsvprlfist
rlgteeispr	vlqslgsepi	qyavpvvkyd	rkgykprprq
llttsavvi	vedakvkqri	dyanltgisv	sslsdslfvl
hvretnkqk	gdvvlqsdhv	ietlktals	adrnninin
qgsitfaggp	grdgiidfts	gsellitkak	nghlavvapr

lnsr (SEQ ID NO:1).

As  
3-4. (cancelled)

5. (Currently amended) A peptide comprising an amino acid sequence  
MRYRASALGSDGVRVT (SEQ ID NO:2).

6. (cancelled)

7. (original) The peptide of claim 5 comprising an epitope with the amino  
acid sequence FLAG.

8-17. (cancelled)

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